

IN THE CLAIMS:

1. (currently amended) A recorded data eraser for a magnetic storage device defining in a main body thereof a cavity for insertion of [[the]] a magnetic storage device in the cavity and comprising:

a generator for generating a magnetic field so as to erase recorded data in [[the]] a device inserted in the insertion cavity; and

a magnetic body arranged within the magnetic field generated by the generator,
wherein the generator comprises a coil arranged so as to encircle a magnetic storage device inserted in the insertion cavity and a direct current power supply circuit for exciting the coil,

wherein the main body of the eraser comprises a casing of a box shape having a front end with an opening, the casing functioning as the magnetic body,

wherein the casing accommodates a hollow coil spool, the hollow coil spool having an outer periphery and an internal space with a front opening,

the internal space functioning as the insertion cavity,

the coil wound around the outer periphery of the hollow coil spool,

the front opening to the internal space and the opening in the front end of the casing arranged so that a magnetic storage device is directed through: a) the front opening to the internal space; and b) the opening in the front end of the casing into the insertion cavity.

2. (original) The recorded data eraser as defined in claim 1, adapted to maintain a magnetic flux density in the insertion cavity within the range of 6,000 to 15,000 gauss in erasing data in the device.

3. (cancelled).

4. (currently amended) The recorded data eraser as defined in claim 3, wherein the main body of the eraser further comprises ~~a casing of a box shape with its front face open and~~ a lid for closing the opening of the casing openably and closably;

~~wherein the casing accommodates a hollow coil spool, with its internal space functioning as the insertion cavity and the coil wound around the outer periphery of the spool, such that an opening of the internal space faces to the opening of the casing;~~
and

wherein the ~~casing and the lid~~ functions together with the casing as the magnetic body.

5. (Currently amended) The recorded data eraser as defined in claim ~~[[3]]~~ 1, wherein the direct-current power supply circuit comprises a direct-current converter for converting an alternating current into a direct current of a predetermined voltage, a capacitor charged by an electric power supply from the direct-current converter and connected in parallel with the coil, ~~[[an]]~~ a reactor interposed in an input line from the

direct-current converter to the capacitor, and a switching device interposed between the capacitor and the coil.

6. (currently amended) The recorded data eraser as defined in claim 4, wherein the direct-current power supply circuit comprises a direct-current converter for converting an alternating current into a direct current of a predetermined voltage, a capacitor charged by an electric power supply from the direct-current converter and connected in parallel with the coil, ~~[[an]]~~ a reactor interposed in an input line from the direct-current converter to the capacitor, and a switching device interposed between the capacitor and the coil.

7. (new) The recorded data eraser as defined in claim 1, in combination with a magnetic storage device.

8. (new) The recorded data eraser as defined in claim 7, wherein the magnetic storage device is contained entirely within the insertion cavity.

9. (new) The recorded data eraser as defined in claim 4, wherein the magnetic body and lid cooperatively fully enclose the cavity.

10. (new) The recorded data eraser as defined in claim 4, wherein the lid is mounted for movement relative to the casing by a hinge.

11. (new) The recorded data eraser as defined in claim 1, wherein the insertion cavity has a flat cylindrical shape.

12. (new) The recorded data eraser as defined in claim 4, wherein the casing and lid are made from ferromagnetic materials.

13. (new) The recorded data eraser as defined in claim 4, wherein the casing and lid are made from paramagnetic material.

14. (new) The recorded data eraser as defined in claim 1, wherein there is a flange on the coil that is inserted and fits in the opening in the front end of the casing.

15. (new) The recorded data eraser as defined in claim 8, further comprising a supporter upon which the magnetic storage device is placed.

16. (new) The recorded data eraser as defined in claim 15, wherein the supporter is selectively movable into and out of the insertion cavity.

17. (new) The recorded data eraser as defined in claim 1, wherein there is an outer plastic covering on the casing.

18. (new) The recorded data eraser as defined in claim 17, wherein the outer plastic covering extends around the opening in the front end of the casing.

19. (new) A recorded data eraser for a magnetic storage device defining in a main body thereof a cavity for insertion of a magnetic storage device in the cavity and comprising:

a generator for generating a magnetic field so as to erase recorded data in a device inserted in the insertion cavity; and

a magnetic body arranged within the magnetic field generated by the generator, wherein the generator comprises a coil arranged so as to encircle a magnetic storage device inserted in the insertion cavity and a direct current power supply circuit for exciting the coil,

wherein the main body of the eraser comprises a casing of a box shape having a front end with an opening, the casing functioning as the magnetic body,

the opening in the front end of the casing arranged so that a magnetic storage device is directed through the opening in the front end of the casing into the insertion cavity and through the coil to be surrounded by the coil.